would be difficult to indicate the projects which will be taken up for execution Airing 1994-95.

(d) and (e) Do not arise

Suggestion of World Bank to Decrease Subsidy to Power Sector

2805. SHRI VIRENDRA KATARIA:
SHRI JAGIR SINGH DARD'

Wil2 the Minister of POWER be pleased to state:

(a) whether it is a fact that World Bank has suggested India to drastically cut down subsidies, in the power sector if it wanted more aid from its multilateral agencies for future projects;

(b) if so, the details thereof; and

(c) the reaction of Government thereto?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI P,V. RANGAYYA NAIDU): (a) to (c) During periodical discussions with the World Bank, the Bank has suggested measures to improve the financial heai.h of the power secior in India These, inter-alia, include rationalisation of tariff structure of SEBs. The Central Government has also been concerned about this issue. This issue has also been discussed at various fora including the State Power Ministers Conference.

Private Investment in Power Sector

2806. SHRI PARMESHWAR KUMAR AGARWALLA: Will the Minister of POWER be pleased to state:

(a) what is the number of offers and investment in Indian rupees received for setting up of private power plants as on 30th June, 1994;

(b) how many of them are by foreign companies and NRI's

(c) whether these private companies propose to import machinery for power plants;

(d) if so, the details thereof; and

(e) what are the details of other tie-up arrangements?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (a) As on 30th June, 1994 interest has been expressed by private investors in putting up 75 power projects involving an investment of Rs. 1,04,152 crores.

(b) 35 of the above proposals are from foreign investors (including NRI and joint
ventures proposals).

(c) to (e) The responsibility for procuring power plant equipment and choice of source from where the equipment is to be procured lies with the private power company.

Boilers in Power Plants

2807. SHRI PARMESHWAR KUMAR AGARWALLA: Will the Minister of POWER be pleased to state:

(a) what types and designs of boiler are being used in our high capacity power
plant

(b) whether it is a fact that the conventional boilers can be used in power plants of even upto 250 MW or more; if so, under Indian conditions upto what MW power plants these are being used. the details thereof;

(c) whether it is also a fact that fludized bed combustion boiler in which inferior variety of coal can be used, has some limitations and can be used only for upto 70 MW power plants; and

(d) if so, the details thereof and the manner in which these could be 0vercome?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (a) and (b) In india, the high capacity power plants are presently with unit rating of 210 MW, 250 MW and 500 MW size. For these coal fired units, conventional design of pulverised coal fired boilers are used. These are natural/assisted circulaters, Drum type designs. Some of the plants

are using tower type boilers with or without boiler drums.

(c) and (d) Fluidised bed Combustion (FBC) technology is in a developmental stage. Units sizes of over-70 MW have been installed abroad using this technology and based on low ash coal The technology has yet to be proven commercially for our coals.

Hydro-Projects in Orissa

2808. SHRI RAHASBIHARI BARIK: Will the Minister of POWER be pleased
to stale:

(a; whether Government propose to enhance generation of power through hydro-piojects;

(b) if so, the steps taken in this regard in Orissa during the last three yea*;; and

(c) the details of present position of the hydro-projects in that State?

THE MINISTER OF STATE IN THE MINISTRY OF POWER SHRI P.V RANGAYYA NAIDU) (a) Yes, Sir. The Eighth Five Year plan envisages a capacity addition of 9282 MW through hydro power Projects.

(b) During the last three years hydro capacity of 130 MW has been added in Orissa which includes. Rengali State-II (IIIrd Unit) of SO MW and Upper Kolab Stage-II of 80 MW.

(c) The Present installed capacity of hydel sector in Orissa' is as below:—

(As on 30.4.1994)

1.	Hirakud-I	235.50
2.	Hirakud -II	72.00
3.	Balimela	360.00
4.	Rengali Upper	250.00
5.	Kolab	320.00
		1237.50

The following four hydro-electric projects aggregatiitg to as installed capacity of 735 MW are under construction in Orissa:—

S.N	Name of	Installed Capacity (MW)	Expected date of commis-sioning
1.	Upper Indra-vati HE. Project	600 (4X150)	1996-97
2.	Potteru HEP (PH. I & II)	6 (2x3)	94 12/94
3.	Balimela HEP	*120* (2x60)	9th Plan
4.	Bargarh Canal HEP	V (3X	9th Plan

Power Engineers Training Society

2809. SHRI V. RAJESHWAR RAO-DR. SHRIKANT RAMCHANDRA JICHKAR:

Will the Minister of POWER be pleased to state:

(a) what are the functions of the Power
Engineers Training Society (PETS) of Nagpur in Maharashtra,

(b) the total amount of annual grant given to it;

(c) whether it is really serving the purpose for which it was created;

(d) what is the necessity of PETS when belter training facilities are available in Universities, Enganring Colleges and other institutions; and

(e) whether evaluation of the work of PETS is done, if so, the details (Hereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (») The Nagpur Institute of the Power Engineers Training Society (PETS), nowknown as National Power Training Institute (NPTI), is engaged in impartin training in the field of operation and maintenance of power stations, and all other aspects of electrical energy systems, including transmission and distribution, to engineers, operators, technicians and other personnel of power sector.

(b) The annual grant released to NPTI